

### Abstract of the Disclosure

A control system for enabling user access of data records stored in a relational database in an object oriented way has a first object model representing a class mapped to a table in the relational database, a second object model representing a query object modeled after the first object model according to the same modeling framework, a software parser for reading the information contained in the first and second object models, a model generator for building a representative model from aggregated information from the first and second models, and a code generator for scanning the representative model and generating the appropriate application code for each node in the representative model. The system is characterized in that a user supplies the input parameters for accessing the records desired from the database into a text receptacle of the second object model and executes the model causing subsequent application code-generation processing that drives the access to the records in the ordered manner, the records served as an object or objects to a user program from which such records were retrieved in a fashion requested and interpretable by the user program.